TN0024449

FACILITY NAME AND PERMIT NUMBER:

# City of Copperhill WLITP TNOO24449

Form Approved 1/14/99 OMB Number 2040-0086

ВА	SIG APPLICA	TION INF	ORMATION	Market and the second s		
PAR	RT A. BASIC APPL	ICATION IN	IFORMATION FOR ALL A	APPLICANTS:		
All ti	reatment works must	complete qu	estions A.1 through A.8 of t	this Basic Application Information pa	cket.	
A.1.	Facility Information	•	_			
	Facility name	City of	Copperhill WI	WTP		
	Mailing Address		× 640			
		Coppert	11 TN 37317			
	Contact person	Car	Hon J. Patterson			
	Title	<u>Op</u>	erator			
	Telephone number	<u>423</u>	· 496·7023			
	Facility Address	#1	River Camp Rd.			
	(not P.O. Box)	<u>Cop</u>	perhill TN 373	17		
A.2.	Applicant Informati	on. If the app	licant is different from the abo	ve, provide the following:		
	Applicant name	-				
	Mailing Address					
	Contact person					
	Title		de constant and the con		W/C Ferrit Section	
	Telephone number		W-6		RECEIVED	
	Is the applicant the		erator (or both) of the treatm	nent works?	DEC <b>2 3 2010</b>	
	owner		operator		TN Division Of Water	
	facility	espondence r	egarding this permit should be applicant	e directed to the facility or the applicant.	Pollution Control	
A.3.	Existing Environme	ntal Permits.	Provide the permit number o	of any existing environmental permits tha	t have been issued to the treatment	
	works (include state-i	ssued permits		مادر		
	NPDES IN	N/A	191	PSD N/A		
	RCRA N/A			Other Other		
A.4.	Collection System Is each entity and, if known etc.).	nformation. I	Provide information on munici	palities and areas served by the facility.	Provide the name and population of nd its ownership (municipal, private,	
	Name		Population Served	Type of Collection System	Ownership	
	City of Coppert	II,TN	_400	Separate	Copperhill, TN	
(	ity of McCoysu	ille,GA	1,200	Separate	McCaysville, GA	
	Total pop	ulation serve	d 1,600 est.			

### FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99 OMB Number 2040-0086

City of Copperhill WWTP TN0024449

.5.	Ind	lan Country.						
	a.	Is the treatment works located in Indian C	Country?					
		Yes	)					
	b.	Does the treatment works discharge to a through) Indian Country?	receiving water that is ei	ther in Indian Coun	try or that is up	stream from (a	nd eventually	flows
		Yes						
.6.	ave	w. Indicate the design flow rate of the tree rage daily flow rate and maximum daily flo iod with the 12th month of "this year" occu	ow rate for each of the la	st three vears. Eac	ch vear's data m	ust be based	lle). Also pro on a 12-monti	vide the h time
	a.	Design flow rate mgc	ı	•				
			Two Years Ago	<u>Last Year</u>		This Year	_	
	b.	Annual average daily flow rate		2_	<u> </u>	26	<u>O</u>	mgd
	C.	Maximum daily flow rate	.599	_ 1.01	12	92	.8	mgd
.7.	Co	llection System. Indicate the type(s) of cutribution (by miles) of each.	ollection system(s) used	by the treatment pl	lant. Check all	that apply. Als	o estimate th	e percen
	COI	1				10	1	04
	7	Separate sanitary sewer					<u> </u>	%
	_	Combined storm and sanitary sewe	:r					%
8.	Dis	charges and Other Disposal Methods.						
	a.	Does the treatment works discharge efflu	ent to waters of the U.S.	?	<u> </u>	Yes		No
		If yes, list how many of each of the follow	ring types of discharge po	oints the treatment	works uses:			
		i. Discharges of treated effluent						
		ii. Discharges of untreated or partially tr	reated effluent				N/A	
		iii. Combined sewer overflow points					N/A	
		iv. Constructed emergency overflows (p	rior to the headworks)				V/A	
		v. Other					N/A	
	b.	Does the treatment works discharge effluimpoundments that do not have outlets for				Yes	X	No
		If yes, provide the following for each surfa	•					
		Location:						
		Annual average daily volume discharged	to surface impoundment	(s)	NA		mgd	***************************************
		Is discharge continuous o	r intermitt	ent?			•	
	c.	Does the treatment works land-apply trea	ited wastewater?			Yes	X	No
		If yes, provide the following for each land	application site:				7	
		Location: V/A						
		Number of acres: Number of acres						
		Annual average daily volume applied to s	site: NA		_ Mgd			
		Is land application continu	uous or in	termittent?				
	d.	Does the treatment works discharge or tr	anonart traated or until	tod waatowater to	anathar			

FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99 OMB Number 2040-0086

City of Copperhill WWTP TNOO24449

	y other than the applicant, provide:			
Transporter name:	N/A	<u></u>		
Mailing Address:				
Contact person:				
Title:				
Telephone number:				
	rks that receives this discharge, provide the following:			
Name:	<u>''/A</u>			
Mailing Address:		•		
Contact nerson:				
·				
Title:				
Title: Telephone number:			-	
Title: Telephone number: If known, provide the N				mgc
Provide the average do	IPDES permit number of the treatment works that receives this discharge.	Yes	X	_ mgc
Title: Telephone number: If known, provide the N Provide the average di Does the treatment wo A.8.a through A.8.d ab	IPDES permit number of the treatment works that receives this discharge.  aily flow rate from the treatment works into the receiving facility.  brks discharge or dispose of its wastewater in a manner not included in		X	_ mgd

FACILITY NAME AND PERMIT NUMBER:

Form Approved 1/14/99 OMB Number 2040-0086

#### **WASTEWATER DISCHARGES:**

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

9. De	scription of Outfall.	• • •				
a.	Outfall number	001	····			
b.	Location	Copperhill			7317	
		(City or town, if applicable)	•	(2	(ip Code)	
		(County) 35 per 590	min 30 sec	(\$	State) 84 pe	23min 00sec
		(Latitude)		1)	.ongitude)	
c.	Distance from shore (	(if applicable)	N/A	ft.		
d.	Depth below surface	(if applicable)	√/A	ft.		
e.	Average daily flow rat	te	.260	mgd		
	Ç ,					
f,	Does this outfall have periodic discharge?	e either an intermittent or a		Ý		
	-		Yes		No (go to A.9	.g.)
	If yes, provide the foll	lowing information:				
	Number of times per	year discharge occurs:				
	Average duration of e	each discharge:				
	Average flow per disc	charge:			mgd	
	Months in which discl	harge occurs:				
g.	ls outfall equipped wi	th a diffuser?	Yes	<u> </u>	No	
10. De	escription of Receivin	g Waters.				
a.	Name of receiving wa	ater Ocoee F	<u> Biver</u>		<u> </u>	
b.	Name of watershed (	if known)		···		
	United States Soil Co	onservation Service 14-digit wa	atershed code (if known):	<del></del>		
c.	Name of State Manag	gement/River Basin (if known)	): 			
	United States Geolog	gical Survey 8-digit hydrologic	cataloging unit code (if kno	wn):		
d.	Critical low flow of reacute	ceiving stream (if applicable):	chronic	A cfs		
	Total hardness of rec	ceiving stream at critical low flo	ow (if applicable):	<b>4</b> mg/l	of CaCO <sub>3</sub>	
	United States Geolog Critical low flow of reacute	gical Survey 8-digit hydrologic ceiving stream (if applicable):	cataloging unit code (if kno	A cfs	of CaCO <sub>3</sub>	

City of Copperhill WATP TNOO24449

Form Approved 1/14/99 OMB Number 2040-0086

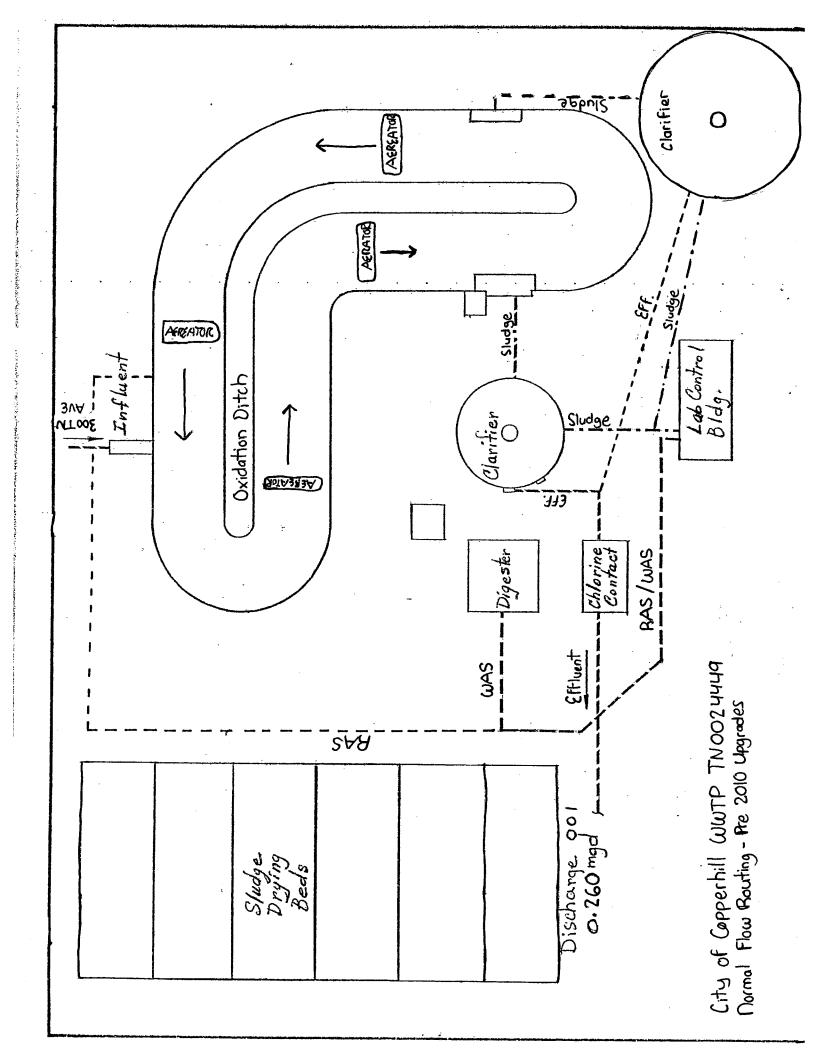
A.11. Description of T	reatment.		<del></del>		<u> </u>				
a. What levels o	of treatment a	re provid	led? Cł	neck all that	apply.				
F	Primary			✓ Sec	condary				
A	Advanced			Oth	er. Describe:				·
b. Indicate the f	ollowing remo	oval rates	s (as ap	oplicable):					
Design BOD	removal <u>or</u> [	Design C	BOD_r	emoval			85	%	
Design SS re			3				85	<del></del> %	
Design P rem	noval						N/A	. %	
Design N rem							N/A	<sup>/</sup> %	
Other							N/A		
<del></del>			•		11.5 - 15.110 tf 11.1		<u>//4</u>	% 	
•				fluent from	this outfall? If disi	nfection varies	by season, p	lease describe.	
<u>Liqu</u>		loring							
If disinfection	is by chlorina	ation, is o	dechlor	ination use	d for this outfall?	-	Ye	s <u>X</u>	No
d. Does the trea	itment plant h	nave pos	t aerati	on?		-	Ye	es <u>X</u>	No
At a minimum, e Outfall number: PARAME	_0	ng data i				mples and m		re than four and	one-half years apart.
FARAIVIC	IICK		MAXIMUM DAILY VALUE			ļ			
<del></del>			Value		Units	Value		Units	Number of Samples
pH (Minimum)			9.6		s.u.				
pH (Maximum)			.928		s.u.			Man III	246
Flow Rate					m <sub>6D</sub>	. 200	.260 mcb		<i>305</i>
Temperature (Winter)				0	· <u>·</u>	10.		.6	260
Temperature (Summer)  * For pH please re		num and		1 1	·C	19		<u></u>	260
POLLUTAN		MA	AVIBALISA DALL V			E DAILY DISCHARGE		ANALYTICAL METHOD	ML / MDL
Со			ıc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND	NONCONVE	NTIONA	LCOM	IPOLINDS		<u> </u>	_1	<u> </u>	
BIOCHEMICAL OXYGEN		Ч		mg/I	3	mg/ı	156	Standard 507	
DEMAND (Report one)	CBOD-5	w/A		<b>V.</b>				<b>5</b> ,0,0,0	****
FECAL COLIFORM	•	N/A							
TOTAL SUSPENDED SO	LIDS (TSS)	7		mg/1	3	mg/I	156	Standard 2090	
REFER TO TH					ND OF PAR				

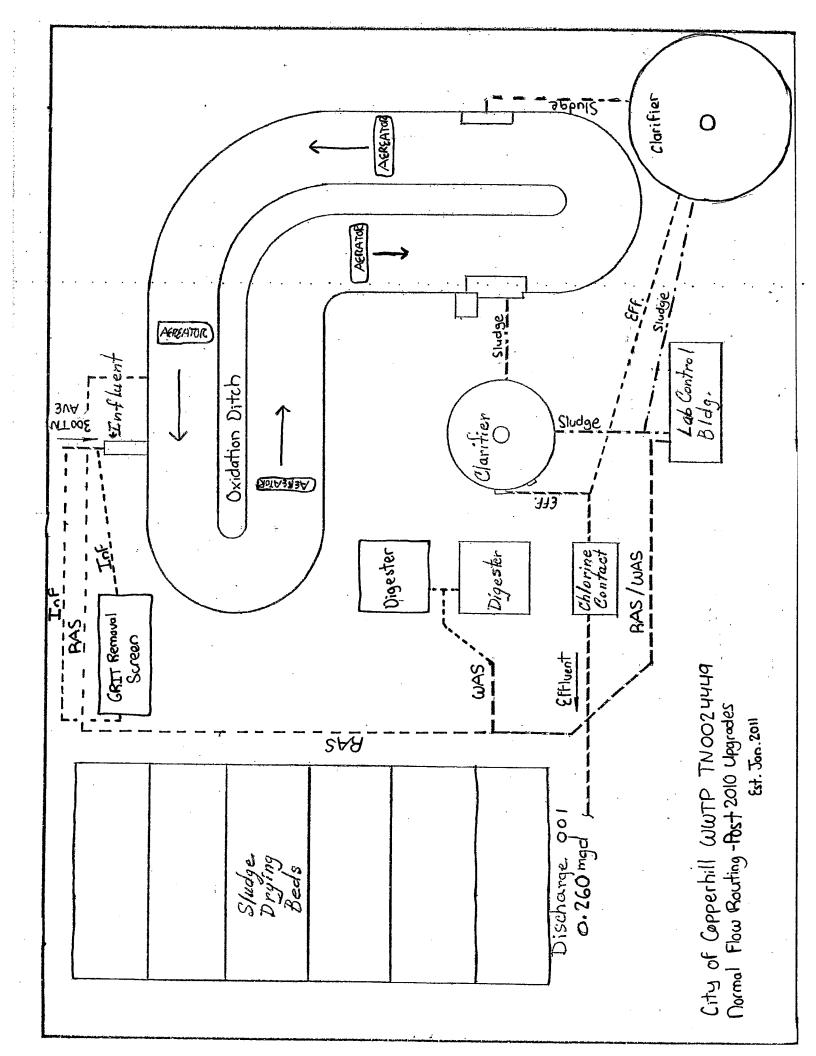
**2A YOU MUST COMPLETE** 

EPA Form 3510-2A (Rev. 1-99). Replaces EPA forms 7550-6 & 7550-22.

## City of Committed I Just The Things I was

	~	it Copperhill WWTP INOO29499
BA	SIC	APPLICATION INFORMATION
PAR	TВ.	ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).
Ali ap	plica	nts with a design flow rate ≥ 0.1 mgd must answer questions B.1 through B.6. All others go to Part C (Certification).
B.1.	Infl	w and Infiltration. Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.
	Brie	fly explain any steps underway or planned to minimize inflow and infiltration.  N∕A .
B.2.	This	ographic Map. Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show entire area.)
	a.	The area surrounding the treatment plant, including all unit processes.
	b.	The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
	C.	Each well where wastewater from the treatment plant is injected underground.
	d.	Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.
		Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
	f.	If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.
	back chlo	ess Flow Diagram or Schematic. Provide a diagram showing the processes of the treatment plant, including all bypass piping and all up power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g, ination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily rates between treatment units. Include a brief narrative description of the diagram.
B.4.	Ope	ration/Maintenance Performed by Contractor(s).
	Are	any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a ractor? Yes No
		s, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional es if necessary).
	Nan	e:
	Mail	ng Address:
	Tele	phone Number:
	Res	ponsibilities of Contractor:
B.5.	unc trea	eduled Improvements and Schedules of Implementation. Provide information on any uncompleted implementation schedule or ompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the ment works has several different implementation schedules or is planning several improvements, submit separate responses to question for each. (If none, go to question B.6.)
	a.	List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.
	b.	Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies. Yes





Form Approved 1/14/99 OMB Number 2040-0086

# City of Copperhill WWTP TN0024449

<u> </u>	y or coppe	<u> </u>						1	
c	If the answer to B.5.		y describe, includ				e).		
d.	d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.								
			Schedule	Act	ual Completion	1			
	Implementation Stag	je	MM / DD / Y		I / DD / YYYY				
	- Begin construction	1	N/ <u>k</u> //_					:	
	- End construction		N/ <u>A</u> /_/_		<i>J</i> /				
	– Begin discharge		N/A ,		<i>J</i>				
	– Attain operational	level	<b>~/</b> <u>A_/_/_</u>						
				m 1 1101 :			v <b>V</b>	Ma	
e.	Have appropriate pe						Yes	INO	
	Describe briefly:								
		( - (- <del>   </del>			A-4-1				
3.6. EFF	LUENT TESTING DA	ATA (GREATER	R THAN O.1 MG	ONLY).					
An	policants that discharg	e to waters of the	ne US must provi	de effluent testin	g data for the fo	ollowing parame	eters. Provide the indic	cated effluent	
tes	sting required by the p	ermitting author	rity for each outfa	II through which	effluent is discl	harged. Do not	include information on	combined sewer	
me	ethods. In addition, th	nis data must co	mply with QA/QC	requirements of	f 40 CFR Part 1	136 and other ar	nducted using 40 CFR opropriate QA/QC requ	irements for	
sta	andard methods for ar	nalytes not addr	essed by 40 CFR	R Part 136. At a	minimum, efflu	ent testing data	must be based on at le	east three	
•	utfall Number: OC	_	an lour and one-	nun youra olu.					
	OLLUTANT		M DAILY	AVERAG	E DAILY DISC	HARGE	T		
r	OLLOTANI	DISCH	IARGE					AII (150)	
		Conc.	Units	Conc.	Units	Number of Samples	ANALYTICAL METHOD	ML/MDL	
ONVE	 ITIONAL AND NONC	ONVENTIONA	COMPOLINDS						
			1				0701		
	A (as N)	<u>3.3                                   </u>	mg/I	1.9	<u>ന്ത/<sub>I</sub></u>	3	350.1		
	NE (TOTAL AL, TRC)	1.2	mg/ <sub>I</sub>	1.1	ന്യ/,	260	450046		
	VED OXYGEN				<del></del>				
	(JELDAHL	7.8	mg/ı	5.4	ന്ന്വ/i	260	Standard 421F		
IITROG	EN (TKN)	3.8	mg/ı	2.1	mg/i	3	351.2		
IITRATE IITROG	E PLUS NITRITE	6.4	mg/i	6.4	ന്ത്യ/പ	3	<i>3</i> 53.2		
OIL and	GREASE	BDL	mg/ı	BDL	mg/i	3	1664A		
PHOSPH	HORUS (Total)	3.9	mg/ı	2.8	109/1	3	365.1		
OTAL D	DISSOLVED								
SOLIDS		200	mg/1	193	mg/1	3	2540c		
THER.	TOTAL NITROGEN	7.0	mg/i	4.3	mg/i	3	CALC		
			· · · · · ·		<u> </u>		<u> </u>		

### **END OF PART B.**

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM 2A YOU MUST COMPLETE

FACILITY NAME AND PERMIT NUMBER:		Form Approved 1/14/99							
City of Copperhill WWTP	TN0024449	OMB Number 2040-0086							
BASIC APPLICATION INFORMATION									
PART C. CERTIFICATION									
All applicants must complete the Certification Section. Refer to instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form 2A, as explained in the Application Overview. Indicate below which parts of Form 2A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form 2A and have completed all sections that apply to the facility for which this application is submitted.									
Indicate which parts of Form 2A you have comple	eted and are submitting:								
Basic Application Information packet	Supplemental Application	Information packet:							
,	Part D (Expanded	Effluent Testing Data)							
•	Part E (Toxicity To	esting: Biomonitoring Data)							
	Part F (Industrial	User Discharges and RCRA/CERCLA Wastes)							
	Part G (Combined	Sewer Systems)							
ALL APPLICANTS MUST COMPLETE THE FOLLO	WING CERTIFICATION.								
designed to assure that qualified personnel properly who manage the system or those persons directly re	gather and evaluate the inforn sponsible for gathering the info	under my direction or supervision in accordance with a system nation submitted. Based on my inquiry of the person or persons ormation, the information is, to the best of my knowledge and of the for submitting false information, including the possibility of fine							
Name and official title LECIL F.	ARP, JR.	MAYOR							
Signature <u>Csecil</u> 7.	Orp. Jn.								
Telephone number <u>H23-496-</u>	5141								
Date signed <i>DECEMBER</i>	17, 2010								
Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.									

SEND COMPLETED FORMS TO: